



















# HURDLING HANDICAPS

Great scientists as well as men of outstanding achievement in all noteworthy fields have these traits in common:- Will and ability to overcome tremendous handicaps. But many common persons also show these desirable traits. And then they become uncommon—even though their names never win space in "Who's Who".

Louis Pasteur, the French scientist who did so much to help both mankind conquer disease, and industries to escape ruin, was stricken with semiparalysis when he was 46 years of age. Yet, for 27 years he continued his scientific investigations and achieved some of his greatest scientific triumphs while physically handicapped. He refused riches and chose instead to keep at his microscope even though his over-tired, red-rimmed eyes seemed to reach the limit of endurance.

The victims of many diseases have shown remarkable courage in overcoming their handicaps, but the best known ones are the sufferers of infantile paralysis. For instance, there is lovely Dinah Shore, who was stricken when she was only 32 years old. Today she is one of our outstanding stage and radio personalities.

It is hard to believe that Nancy Merki of Portland, Oregon, who, at 18 years of age holds more than 20 national swimming records, had polio at the age of seven.

The runner-up for the title of "Miss America of 1945". Phyllis Mathis, 19 years old, won a three year bout with infantile paralysis. She is now a professional model after having turned down several Hollywood offers.

Thomas A. Edison, the great American inventor and scientist, did not have to battle disease or other physical handicaps, but he surmounted other obstacles. He went to school for only three months as a youth because he had to go to work when he was a youngster. So he spent his spare hours studying by himself while boys of his age played and had a good time. At the age of 21, he won a patent on his first of 1,033 inventions. Before he finally succeeded in producing the electric lamp which is now used all over the world, he spent \$40,000 of his own money and tediously performed

6,000 experiments. How many persons whom you know have such patience and faith in themselves?

### Despite Broken Legs

Although his legs were broken in the last War, Mike Murphy stunted a light plane at the fourteenth annual all-American air maneuvers held this year at Miami, Florida.

When the United States went to war, Mike helped to work out details of the use of gliders to carry combat infantrymen and supplies. On D-Day, Mike, a lieutenant colonel, was in the lead glider of the 101st Airborne Division's assault in Normandy. He crash-landed near St. Mere Eglise. Later, Mike's other leg was broken under German machine gun fire.

Few of the thousands of persons at the air meet at Miami knew it was Mike who climbed in the 1,000th Piper Club to have been built since V-J Day. The announcer explained that William Piper the plane builder, had given permission to a man who had never flown to take off in the Piper plane. But a few did know that Mike, even before the German war, was an outstanding flyer.

Mike staggered off. While the announcer on the loud-speaker system pretended to give him instructions for getting the craft down. Mike did everything that a flyer is not supposed to do and live. However, it was not long before the audience recognized in Mike the expert flyer he had been for years.

Lockheed Aircraft Corporation, like many other large companies before the War, would not employ any person who had any physical handicaps. In fact, many companies would not give work to healthy persons whom they considered passing the prime of life. But after 1940 when the demand for workers exceeded the supply, Lockheed could not be choosy and by 1945, the company employed 600 handicap men and women. Speaking of them, the vice-president in charge of production said: ."They seem determined to excel the physically unimpaired workers and put in extra effort. are hard-hitting, dependable and capable." Blind workers, for instance, beat the strong and healthy workers without handicaps in the matter of skill and accuracy.

A survey of 300 manufacturing plants made by the U. S. Bureau of Labor Statistics revealed that 87 per cent of the 63,382 handicapped workers were just as efficient as the well workers. Only 5 per cent were not as efficient, and 8 per cent excelled the employers without physical impairment.

Charles P. Sooinmeen, the scientific gonius who did to much for General Electric Company's research activities, was a cripple all of his life and was way below average height. But though ungler-sized in stature, the world recognized his giant contributions to mankind and showered ham with bonors. In an early issue of "MARVELS of SCIENCE" there will appear a very interesting illustrated story about the life of Steinmets.

Helen A. Keller, who is totally blind and deaf, is a world-famous example of a person who has evercome the most discouraging handicaps When she was only 19 months old, severe illness deprived her of sight and hearing. Dr. Alexander Graham Bell, the inventor of the telephone, became interested in the welfare of the baby. As the result of his advice, her parents engaged Mrs. John Macy to teach the child. Both child and teacher did so well together that Miss Keller was graduated from Radeliffe College with high honors. She can read and write several languages, and has written a num ber of books. During and after the War, she has given considerable of her energies to visiting hospitals and encouraging and advising blind soldiers and sailors.

To get back to the victims of infantile paralysis. Christine Ayres, dancer, was stricken with polio at the age of four. She was helpless for several years, but you wouldn't know it today, watching her twinkling feet. Sixteen-year old Margaret Merrick, one of the original "Quiz Kids," sharpened her wits while on crutches following a polio attack

Heine Brock, professional ice-skater, is known as "The Funniest Man on Skates". He had polio when he was fourteen and was unable to walk for eight months. A few years later he was plaving basketball, football and baseball at the University of Minnesota. He was a swimming and diving star before becoming a professional see-skater.

Of course, the most famous victim of polio was President Franklin Delano Roosevelt, Although stricken in the middle of his earcer, he overcame pain and discouragement, ran for Governor of the State of New York and then as President of the United States for four terms carried on all the extremely heavy burdens of the office. In addition he conducted successfully the greatest war in the history of the world.

## Only Black Mark

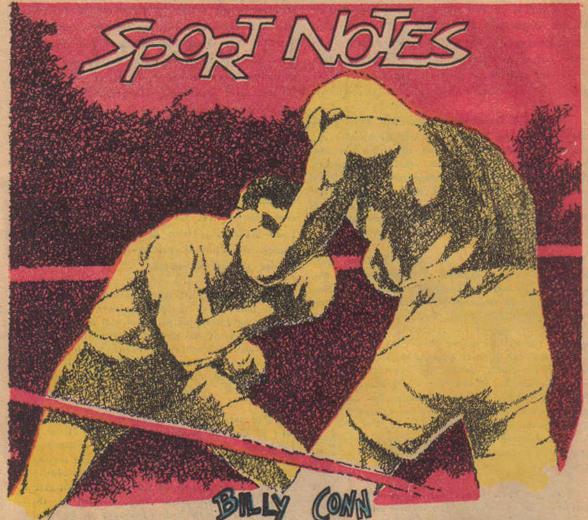
Some of history's brightest names were erippled by diseases. The great composers Mozart and Chopin; Charles Darwin, father of the theory of evolution; writers Sir Walter Scott and Robert Louis Stevenson, Henri de Toulouse-Lautrec, the French impressionist painter—all achieved fame despite physical handicaps.

The progress that Science is making in fighting disease holds forth the promise that many of the ills that have crippled mankind will be eliminated. American Army doctors worked wonders in restoring wounded soldiers to health and in controlling epidemics. Whereas in World War I Spanish influenza killed millions of people, no apidemic in World War II approached such destructiveness.

The only black mark against Science is the resord of German Scientists who helped Hitler hill
more than six million innocent men, women and
children in the Nazi murder factories. For instance,
as the Nurenberg trail, Rudolf Hoess, who admitted
supervising the murder of 3,000,000 persons at the
Oswincim concentration camp, boasted of these
"improvements" he had introduced at his samp.
Through the use of crystallized prussic acid rather
than monoxide gas, 2,000 persons could be killed
at one time compared with 200 at another German
camp. His "improvement worked effectively as
evidenced by the fact that the prussic acid smothered quicker the countless victims' agonized screams.

By way of contrast, our American doctors have used Science nobely not only to help even enemies of our country but also to reduce the mortality rate in our military hospitals to the remarkable figure of about 2 percent. And they succeeded in euring 7 out of 10 that were wounded. Such an accomplishment and such a spirit strengthened our hope that mankind will increasingly overcome personal and collective handicaps.





IN HIS FIGHT AGAINST JOE LOUIS-HAD ABOUT WON ON POINTS, BUT FAILED TO WIN BECAUSE HE LOST HIS HEAD AND LEFT HIMSELF OPEN FOR A KNOCKOUT.

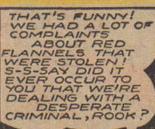


IS THE FASTEST DOG ON THE TRACK - MUCH FASTER THAN THE GRAYHOUND.











MAYBE HE'S GOING TO THE NORTH POLE FOR A VACATION ---AND NEEDS A NEW WARD ROBE, SARGE!







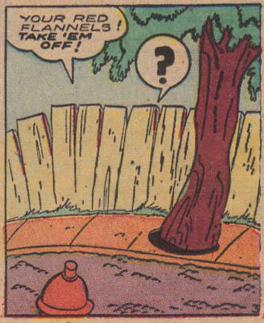






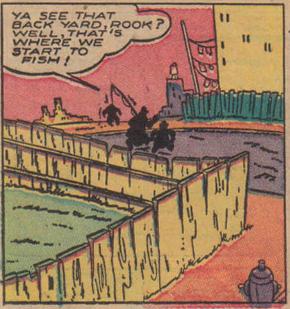






















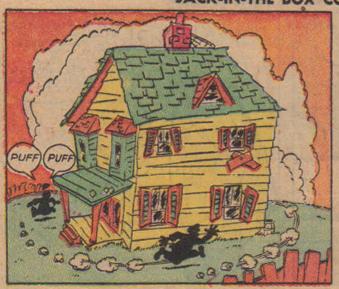


...THAT'S VERY













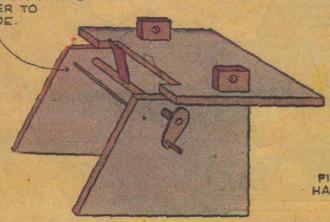








ADJUST IRON ROD, REPRESENTING THE TRIGGER, TO GIVE MAXIMUM HITTING POWER TO BLADE.

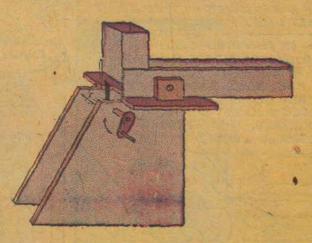


FIT FIRING ASSEMBLY INTO GUN STAND AS ILLUSTRATED.

PIN HOLLING BLADE IN AXLE SLIT.

PIRING AXLE AND HANDLE MUST TURN FREELY !

PO COMPLETE MACHINE
GUN FIT BARREL WITH
MAGAZINE TO PLATFORM
AND SECURE WITH SHORT
SCREWS TO CARRIAGE
UPRIGHTS.



















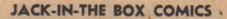


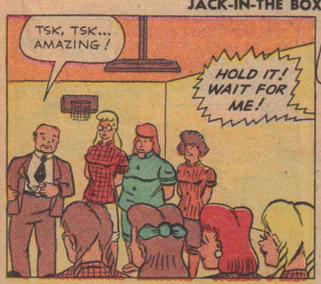
















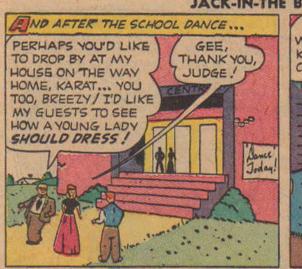
THE JUDGE
SAYS HE WISHES
ALL WOMEN
WOULD
SHOW MORE
INTELLIGENCE
AND DRESS
SENSIBLY LIKE
KARAT





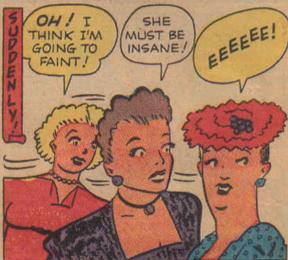




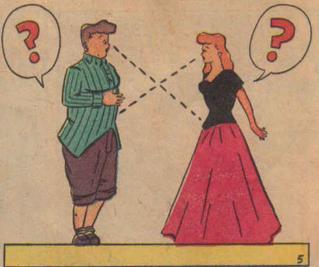


















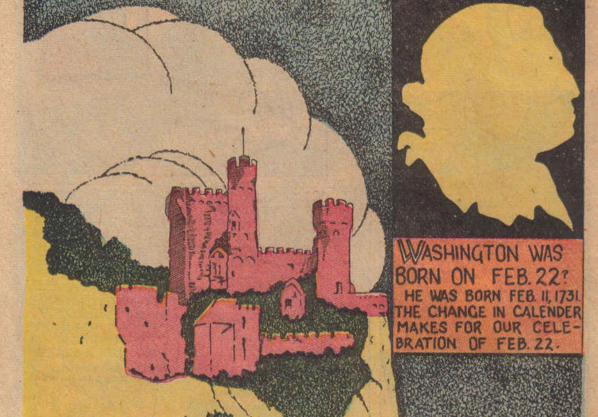


ER, JUDGE PETERS, I
THINK I KNOW WHAT
CAUSED THIS LITTLE
MISLINDERSTANDING!
Y'SEE WHEN YOU SAID
YOU WERE HAVING
'LEMONADE' AT
THE PARTY, I, ER...
THOUGHT YOU SAID
MASQUERADE!!
I-I DON'T HEAR SO
GOOD AT TIMES! SO
I PHONED KARAT'S
MOTHER AND...











THE SUN IS NEAREST TO EARTH IN SUMMER?
NO ON JANUARY 2017 THE SUN IS CLOSEST TO EARTH.

10 KISS THE BLARNEY STONE

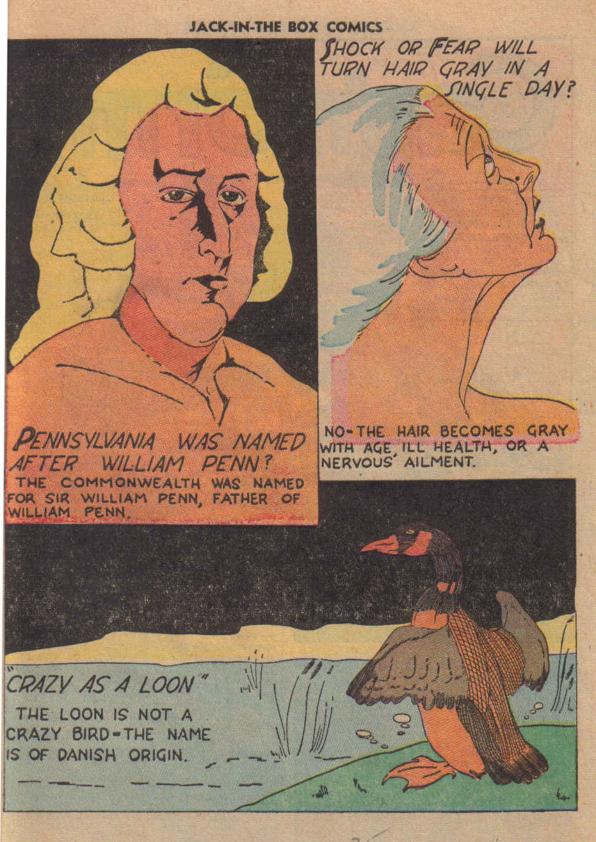
MOST PEOPLE HAVE KISSED
THE IMITATION STONE -AS THE REAL
STONE IS DATED 1446 AND ALMOST
IMPOSSIBLE TO REACH ... ANOTHER
IMITATION IS DATED 1703





MO-- IT WAS ON JULY IS INDEPENDENCE DAY?

NO-- IT WAS ON JULY & THAT THE 13 COLONIES VOTED THEMSELVES INDEPENDENT FROM THE BRITISH CROWN-- JULY 4 IS THE
ANNIVERSARY OF THE ADOPTION OF THE DECLARATION OF INDEPENDENCE.













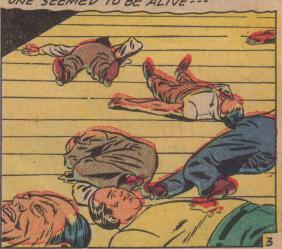












"THE WILD FIGHT CONTINUED UNTIL NO ONE SEEMED TO BE ALIVE --- "



"WE PULLED ALONGSIPE AND I LED A
BOARDING PARTY ONTO THE DERELIC ---























LAUGH IF YE WANT TO, MATEYS! BUT I'VE

